ABSTRACT OF THE DISCLOSURE

Systems, apparatus and methods for testing the optical quality of optical transceivers or ports. A port tester is provided that is used to quantitatively measure the optical quality of ports. A port is inserted in the port tester between a mirror assembly and a fiber assembly. A mirror included in the mirror assembly is positioned in or near a focal plane of the port lens. A test light signal is directed through the port from the optical fiber and is reflected back through the port by the mirror. The power of the reflected test signal is compared to a control signal and the comparison between these signals is indicative of the optical quality of the port. The fiber assembly is retractable such that a new port can be mounted in the port tester and tested.

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